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IN THE CLAIMS:

1-49. Cancelled

50. (Amended) A system including an implantable defibrillation electrode, comprising:

a first layer of porous Polytetrafluoroethylene (PTFE) adjacent to at least one surface of the defibrillation electrode, the first layer of porous PTFE having a fibril length adapted to bleed gas away from the at least one surface of the defibrillation electrode; and

a second layer of porous PTFE formed over the first layer, the second layer of porous PTFE having a fibril length adapted to prevent substantially all tissue in-growth; and

a third layer of porous PTFE adjacent to at least a portion of the second layer, the third layer having a fibril length adapted to selectively promote tissue in-growth.

51. (Original) The system of Claim 50, wherein the first layer of porous PTFE is an expanded PTFE (e-PTFE).

52. (Previously presented) The system of Claim 50, wherein the second layer of porous PTFE is an expanded PTFE (e-PTFE).

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53. (Previously presented) The system of Claim 50, wherein the first layer of porous PTFE includes pores each having a pore size of greater than or equal to 50 microns.

54. (Previously presented) The system of Claim 50, wherein the second layer of porous PTFE includes pores each having a pore size of less than or equal to 10 microns.

55. (Previously presented) The system of Claim 50, wherein the first layer is formed of tubing.

56. (Previously presented) The system of Claim 50, wherein the first layer is formed of tape.

57. (Cancelled)

58. (Cancelled)

59. (Previously presented) The system of Claim 58, wherein the third layer includes pores each having a pore size between 20 and 50 microns.

60. (Cancelled)

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61. (Previously presented) The system of claim 50, wherein the second layer is formed of tubing.

62. (Previously presented) The system of claim 50, wherein the second layer is formed of tape.

63. (Previously presented) The system of claim 53, wherein the pores of the first layer of porous PTFE each have a pore size between 50 and 100 microns.

64. (Previously presented) The system of claim 50, wherein the first layer of porous PTFE has a thickness greater than or equal to 50 microns.

65. (Previously presented) The system of claim 50, wherein the second layer of porous PTFE has a thickness less than or equal to 10 microns.

66. (Previously presented) The system of Claim 58, wherein the third layer of porous PTFE is an expanded PTFE (e-PTFE).

67. (Previously presented) The system of claim 58, wherein the third layer of porous PTFE has a thickness less than or equal to 50 microns.

68. (Previously presented) The system of claim 58, wherein a portion of the third layer is formed over the second layer.

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69. (Previously presented) The system of claim 58, wherein a portion of the third layer is longitudinally offset from the second layer.

70. (New) A system including an implantable defibrillation electrode, comprising:

a first layer of porous Polytetrafluoroethylene (PTFE) adjacent to at least one surface of the defibrillation electrode, the first layer of porous PTFE having a fibril length adapted to bleed gas away from the at least one surface of the defibrillation electrode;

a second layer of porous PTFE formed over the first layer, the second layer of porous PTFE having a fibril length adapted to prevent substantially all tissue in-growth; and

a third layer of porous PTFE adjacent to at least a portion of the second layer, the third layer having a fibril length adapted to selectively promote tissue in-growth, the third layer of porous PTFE has a thickness less than or equal to 50 microns.